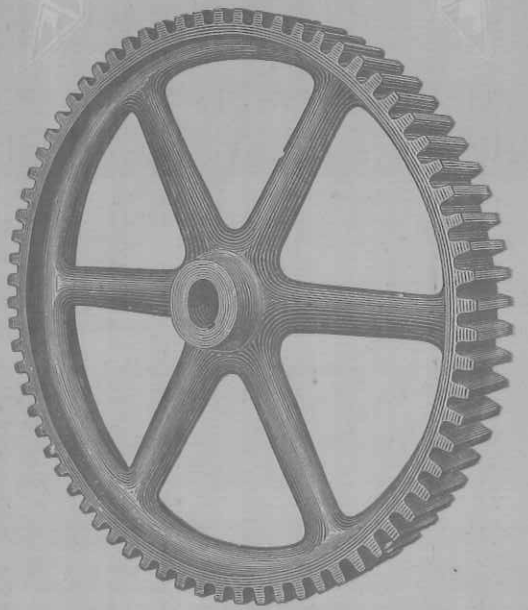
LUTHERIAN MILLS HISTORICAL LIBRARY

MACHINE MOULDED

MILL GEARING,



Manufactured by

POOLE & HUNT,

Baltimore, Md.

SEND FOR CIRCULARS.

COMPLIMENTS

OF

POOLE & HUNT,

1880.

BALTIMORE, MD.

ESTABLISHED 1851.

ROBT. POOLE. GERMAN H. HUNT.

POOLE & HUNT,

BALTIMORE, MD.,

Founders and Machinists,

MANUFACTURERS OF THE

CELEBRATED POOLE & HUNT

Leffel Turbine Water Wheel,

SHAFTING, PULLEYS AND HANGERS

OF THE LATEST DESIGNS,

MACHINE-MOULDED MILL GEARING

(A SPECIALTY,)

Mixers and General Outfit for Fertilizer Works,

ENGINES,

(Portable and Stationary,)

Boilers, Heaters and Feed Water Pumps,

GRIST AND SAW MILLS.

POOLE & HUNT,

Founders and Machinists,

BALTIMORE, MD.

J. D. Ehlers & Co., Engs. and Prs., Baltimore, Md.

MACHINE MOULDED MILL GEARING

As Accurate as Cut Gearing.

1880.

JANUARY.

S	M	T	W	T	F	S
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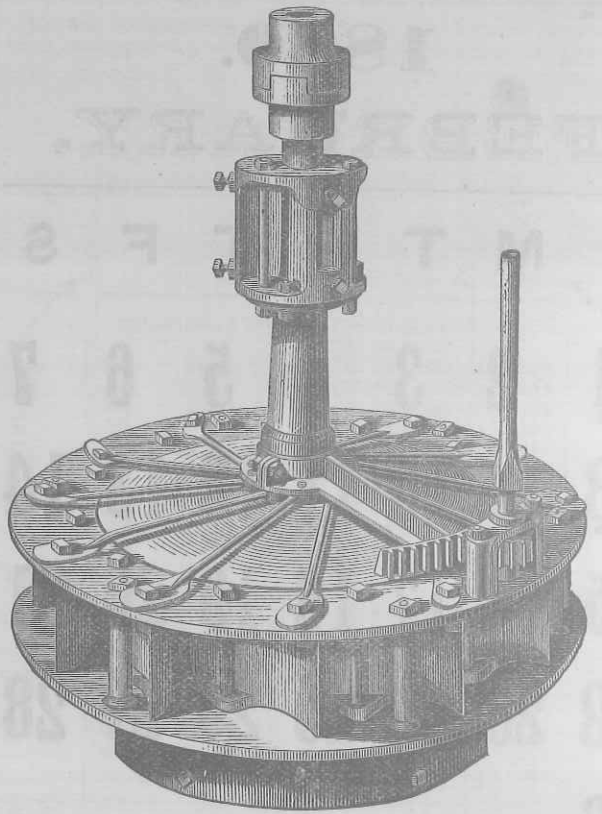
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SHAFTING, PULLEYS, HANGERS, MILL SPINDLES AND STEPS OF LATEST DESIGNS.

2-3-76 Burton Falls #14.00

POOLE & HUNT'S

LEFFEL TURBINE WATER WHEEL.



In the manufacture of this well known Standard Water Wheel, we use only the best material, and our large plant of special Machinery, which is being constantly improved, enables us to furnish these wheels at LOW PRICES and of a style of workmanship that is unsurpassed anywhere.

We keep a large stock of Water Wheels on hand.

Portable and Stationary

STEAM ENGINES AND BOILERS.

1880.

FEBRUARY.

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PULLEY AND MACHINE MOULDED GEAR CASTINGS FOR THE TRADE.

PRICE LIST

OF

POOLE & HUNT'S LEFFEL TURBINE WATER WHEEL,

NOVEMBER 10th, 1879.

The first six sizes from $7\frac{5}{8}$ No. 1 to $13\frac{1}{4}$ inch inclusive are made of brass, causing their price to be higher in proportion than the other sizes.

WITH THE SUN.

SIZE OF WHEEL.	NEW PRICE, November 10th, 1879.	OLD PRICE, February 14th, 1877.	WEIGHT.
$7\frac{5}{8}$ Inch No. 1 Wheel,	$180 00	$ 215 00	
$7\frac{5}{8}$ " " "	185 00	222 00	
10 " No. 1 "	190 00	228 00	92
10 " " "	195 00	235 00	105
$13\frac{1}{4}$ " No. 1 "	200 00	245 00	175
$13\frac{1}{4}$ " " "	210 00	250 00	195
$15\frac{1}{4}$ " " "	185 00	225 00	280
$17\frac{1}{2}$ " " "	195 00	234 00	362
20 " " "	205 00	245 00	598
23 " " "	225 00	265 00	704
$26\frac{1}{2}$ " " "	265 00	290 00	1,196
$30\frac{1}{2}$ " " "	300 00	330 00	1,510
35 " " "	335 00	375 00	2,277
40 " " "	385 00	420 00	2,976
44 " " "	425 00	465 00	3,700
48 " " "	500 00	550 00	4,462
52 " " "	620 00	690 00	5,510
56 " No. 1 "	700 00	820 00	5,998
56 " No. 2 "	720 00	855 00	6,192
61 " " "	815 00	1,000 00	8,115
66 " No. 1 "	900 00	1,100 00	9,382
66 " No. 2 "	940 00	1,145 00	9,605
74 " " "	1,200 00	1,485 00	11,800

AGAINST THE SUN.

The price named above is for the Wheel as illustrated on the preceding page, and includes both parts of shaft coupling.

In ordering, be careful to inform us whether the Wheel is to run with or against the sun. Shipping facilities from Baltimore are frequent, and rates low in all directions.

POOLE & HUNT,

BALTIMORE. MD.

SAW MILLS,

FLOURING MILL MACHINERY.

1880.

MARCH.

S	M	T	W	T	F	S
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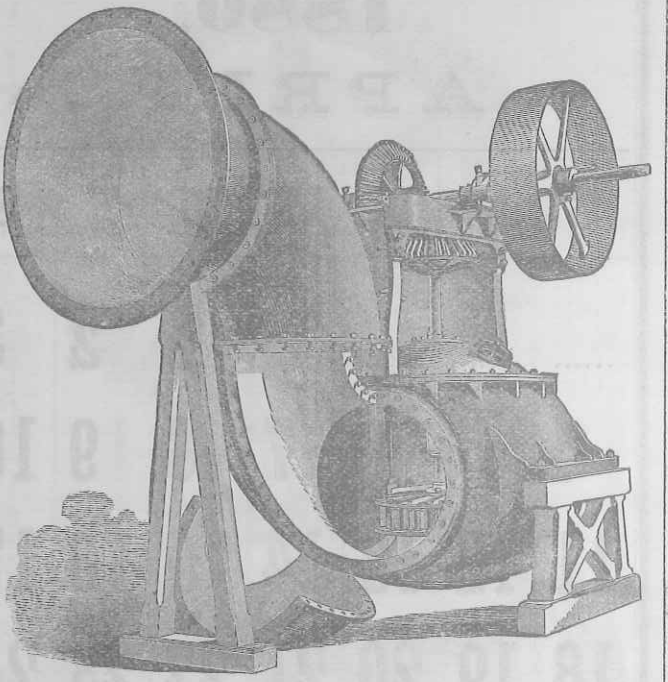
28	29	30	31	.....	.....	.....

MACHINERY FOR OIL MILLS.

GRIST MILLS.

The Poole & Hunt Leffel Water Wheel

In an Iron Penstock with gearing ready to attach belt.



We furnish other styles of iron penstocks or flumes arranged to meet the varying heads of water.

It is not a necessity to have these wheels set in iron casing, as in many instances a plain wooden penstock is all that is required.

Send for our Prices before ordering elsewhere.

MACHINE MOULDED MILL GEARING

As Accurate as Cut Gearing.

1880.

APRIL.

S	M	T	W	T	F	S
.....	.....	.....	.....	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	.....

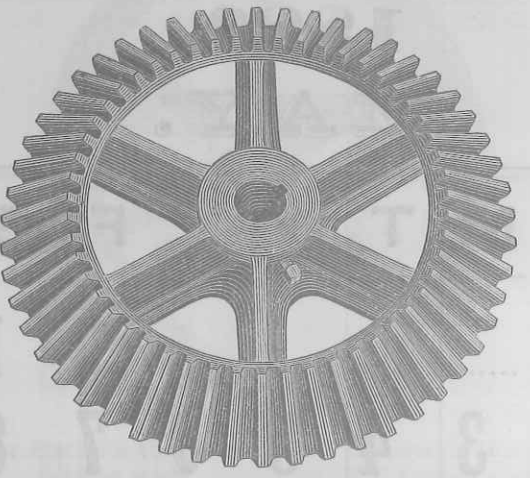
SHAFTING, PULLEYS, HANGERS, MILL SPINDLES AND STEPS OF LATEST DESIGNS.

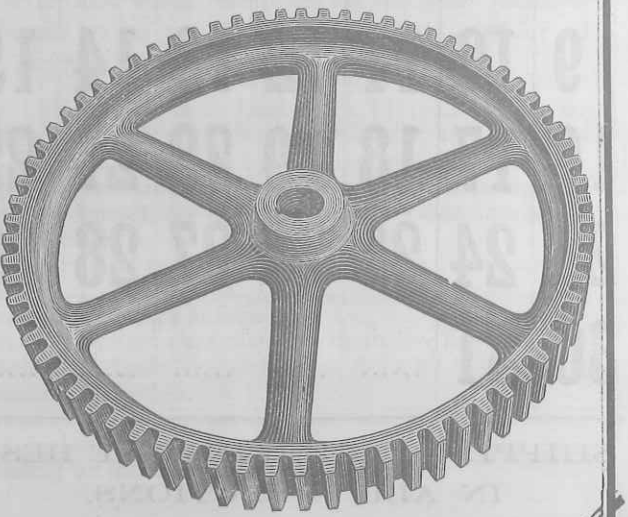
POOLE & HUNT'S

Machine-Moulded Mill Gearing.

(Lists of our Gearing Mailed on Application.)

We have prepared, at great expense, SPECIAL APPARATUS for the production of MACHINE-MOULDED MILL GEARING, from 1 to 20 feet in diameter, of any required face and pitch.





A LARGE STOCK CONSTANTLY ON HAND.

Orders by Telegraph Promptly Filled.

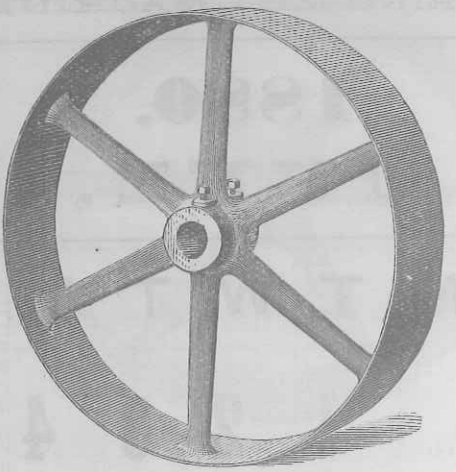
1880.

MAY.

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SHIPPING FACILITIES THE BEST IN ALL DIRECTIONS.

PULLEYS.



Our Plant for the production of Pulleys, (either Castings or finished work, comprises all the latest improvements, and we are prepared to furnish estimates for all sizes; we give below a list of our patterns.

Of Pulleys, we have from 6 to 18 inches diameter inclusive, increasing by inches of diameter, and from 2 to 14 inches face, increasing by half inches of face.

From 19 to 37 inches diameter inclusive, increasing by inches of diameter, and from 2 to 20 inches face, increasing by half inches.

From 38 to 66 inches diameter inclusive, increasing by 2 inches of diameter, and from 6 to 24 inches face, increasing by inches of face.

From 72 to 84 inches diameter inclusive, increasing by 6 inches of diameter, and from 6 to 30 inches face, increasing by inches.

From 96 to 144 inches diameter inclusive, increasing y 12 inches of diameter, and from 6 to 36 inches face, increasing by inches.

SAW MILLS,

FLOURING MILL MACHINERY.

1880.

JUNE.

S	M	T	W	T	F	S
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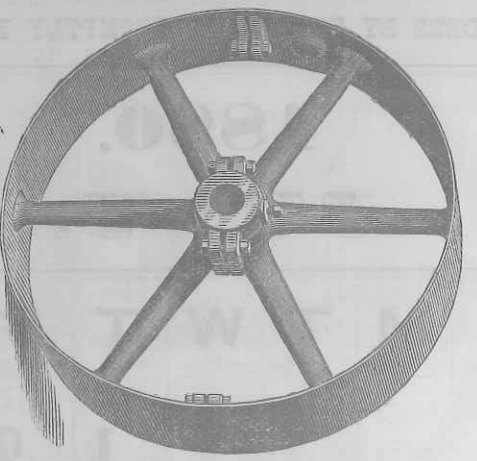
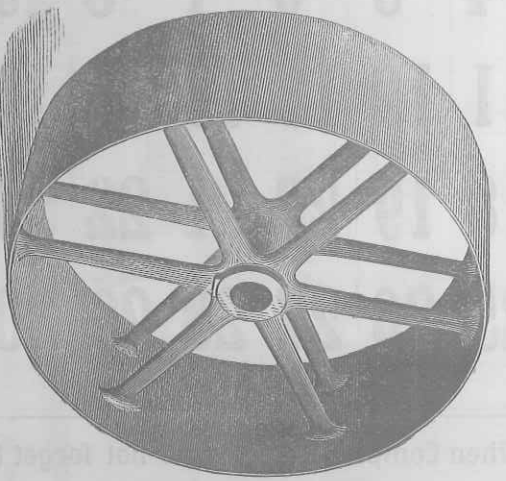
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	.....	.....	.....

MACHINERY FOR OIL MILLS.

GRIST MILLS.





We can also furnish PULLEYS in halves, or when extra width of face is required for heavy belts we can furnish them with double arms as illustrated above.

Our shipping facilities are of the best, and we can offer special inducements to the trade.

SEND FOR CIRCULARS.

ORDERS BY TELEGRAPH PROMPTLY FILLED.

1880.

JULY.

S	M	T	W	T	F	S
				1	2	3
.....	.....	.....	.....			
4	5	6	7	8	9	10
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

When Comparing Prices do not forget to Compare Quality of Work also.

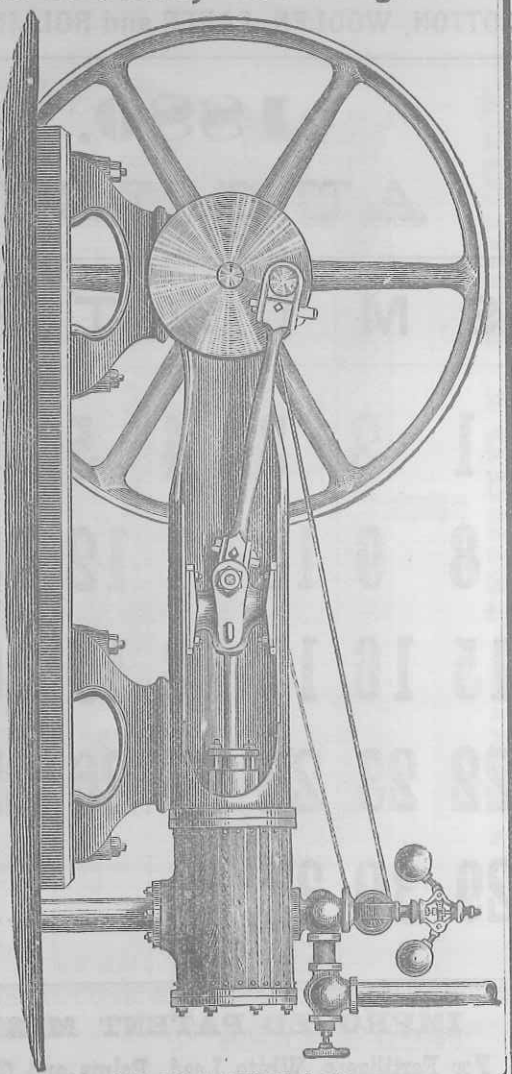
Horizontal Stationary Steam Engine.

We are prepared to furnish **STATIONARY STEAM ENGINES**, of design above illustrated, embracing all the latest improvements, and made of the best materials and superior workmanship. Of this style of Engine we manufacture the following sizes:

7 INCH BORE—12 INCH STROKE. 8½ INCH BORE—12 INCH STROKE. 10 INCH BORE—14 INCH STROKE.

We also manufacture of another style the following sizes:

10 INCH BORE—20 INCHES STROKE. | 14 INCH BORE—24 INCHES STROKE. | 16 INCH BORE—36 INCHES STROKE.
11 " " —20 " " | 15 " " —30 " " | 18 " " —36 " "
12 " " —24 " " | *Address* POOLE & HUNT, Baltimore, Md.



Manufactured by POOLE & HUNT, Baltimore.

GEARING FOR
COTTON, WOOLEN, PAPER and ROLLING MILLS.

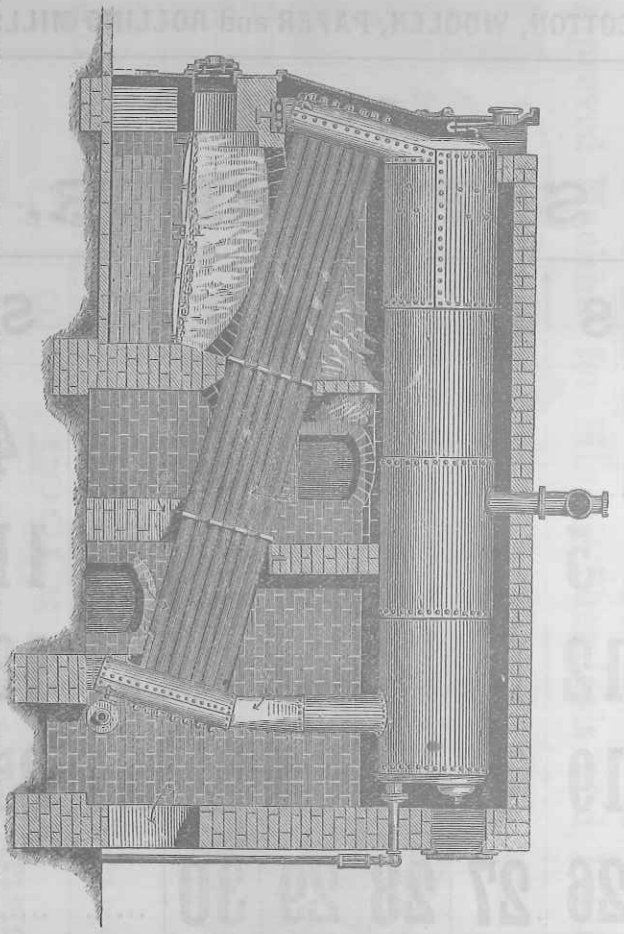
1880.

AUGUST.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	.....	.....	.....	.....

IMPROVED PATENT MIXERS
For Fertilizers, White Lead, Paints and Chemicals.

Inclined Tubular Boiler.



WE ALSO MANUFACTURE
PLAIN FLUE, RETURN FLUE and TUBULAR BOILERS.
Send for Estimates.
POOLE & HUNT,
BALTIMORE, MD.

GEARING FOR
COTTON, WOOLEN, PAPER and ROLLING MILLS.

1880.

SEPTEMBER.

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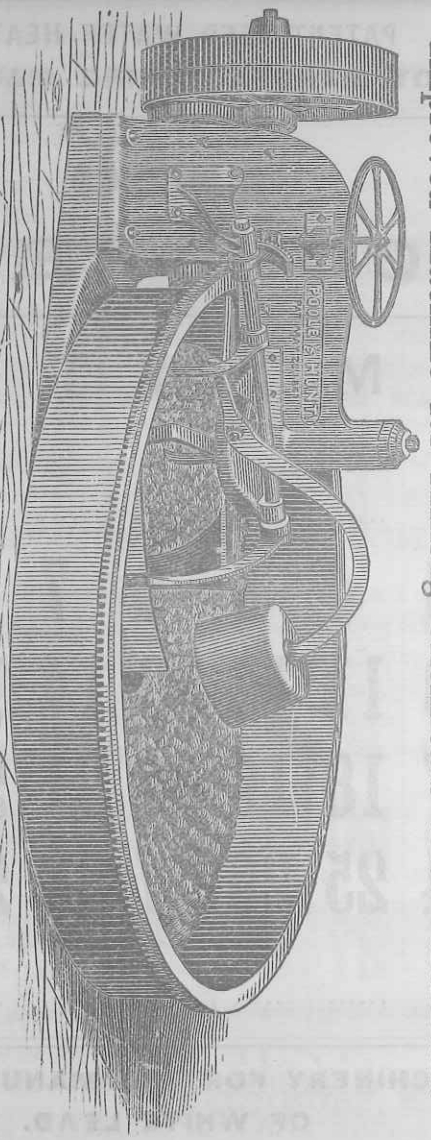
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	.....	.....

Shipping Facilities the Best in all directions.
A LARGE STOCK CONSTANTLY ON HAND.

POOLE & HUNT'S
Improved Machine for Mixing Chemicals and Fertilizers.



These Machines are now used by nearly all the principal Fertilizer Works in the country.
Send for special circular and prices.

POOLE & HUNT,
BALTIMORE.

PATENT FEED WATER HEATERS.

SHOT MANUFACTURING MACHINERY.

1880.

OCTOBER.

S	M	T	W	T	F	S
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24	25	26	27	28	29	30
31	.....	.....	.....	.....	.....	.....

MACHINERY FOR THE MANUFACTURE OF WHITE LEAD.

Phosphor-Bronze Castings.

Having secured the right to make and sell castings of PHOSPHOR-BRONZE, we beg to inform you that we are prepared to fill orders for CASTINGS, or FINISHED ARTICLES, made of the various grades of this CELEBRATED METAL, at short notice and reasonable prices.

NO OTHER METAL or alloy, COMBINES in SO HIGH A DEGREE as PHOSPHOR-BRONZE the conditions of TOUGHNESS, RIGIDITY, HARDNESS and great ELASTIC resistance.

Its comparative relation in this respect to some of the best grades of wrought iron have been made very apparent.

CURRENT QUALITIES OF PHOSPHOR-BRONZE.

QUALITY.

A.—For Piston Rings and Valve Covers.—VERY TOUGH,

B.—For general Machine Castings; Pinions, Cog Wheels. Propeller Screws, Hydraulic Press and Pump Barrels, Piston Rods, Screw Bolts for Steam Cylinders and Hardware.—VERY TOUGH and HARD.

E.—For bearings of Heated Rolls, Valves, &c.—VERY HARD.

F.—For Bells, Steam-Whistles, &c.—HARDER AND STRONGER THAN ORDINARY BELL-METAL.

G.—For Hammered Piston Rods and Bolts.—ACQUIRES GREAT TOUGHNESS, ELASTICITY and STRENGTH UNDER THE HAMMER.

S.—Bearing Metal.

☞In ordering, please note adaptation of various qualities as above.

POOLE & HUNT,

BALTIMORE, MD.

Portable and Stationary

STEAM ENGINES AND BOILERS.

1880.

NOVEMBER.

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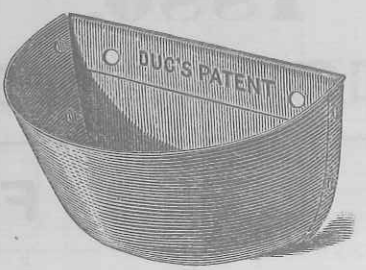
PULLEY AND MACHINE MOULDED GEAR CASTINGS FOR THE TRADE.

DUC'S IMPROVED

Elevator Bucket.

H. A. DUC, Jr.'s PATENT.



MARCH 10th, 1874.

This Bucket possesses many advantages over the ordinary styles, consisting of greater strength due to its shape, and the freedom with which it receives and delivers its contents. Having no right-angled corners at its dipping edge, it is less liable to catch upon the surfaces of the "trough," and thus disarrange the conveying belt. The process by which it is manufactured greatly increases the strength of its material, hardens its dipping edge, makes the bucket very elastic and durable, and dispenses with the necessity of protecting the dipping edge with a reenforcing band of iron. This invention is designed to supply a want long felt by Millwrights, Constructing Engineers, and Capitalists interested in works requiring the use of elevating machinery. It is a *standard article*, of the best design and workmanship, and warranted to give *entire satisfaction.*

These buckets have been introduced extensively in Breweries, Flour, Drug and Dye-Wood Mills, Grain Elevators, Phosphate Works, Sugar Refineries, White Lead Works and Starch Mills, and have given universal satisfaction in every case.

PATENT
COMPRESSION COUPLINGS.

1880.

DECEMBER.

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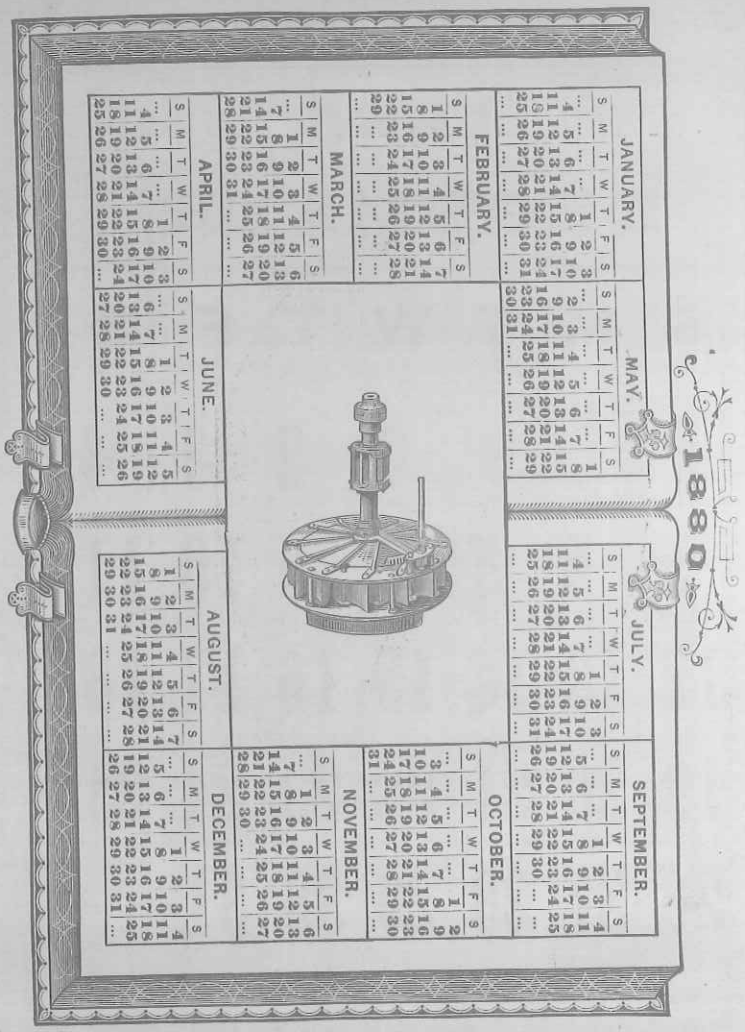
When Comparing Prices do not forget to Compare Quality of Work also.